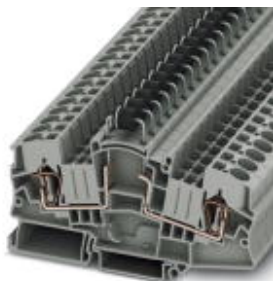


Component terminal block - STME 6-DIO/R-L HV - 3035692

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Component terminal block, with integrated diode, Connection method: Spring-cage connection, Cross section: 0.2 mm² - 10 mm², AWG: 24 - 10, Width: 8.2 mm, Color: gray

Why buy this product

- Connection of standard solar cables up to 10 mm² and with 7.5 mm outside diameter
- A space-saving design of the same shape for compact generator connection boxes
- The DP-STMED 6 spacer plate ensures sufficient spacing between two adjacent diode terminal blocks
- Consistent function shafts enable the simple grouping of individual PV lines using plug-in bridges

Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 609807

Technical data

General

Note	If several diode terminal blocks need adding to the DIN rail, a spacer plate must be placed between them.
Number of levels	1
Number of connections	2
Nominal cross section	6 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	5 A (with 10 mm ² conductor cross section)
Nominal current I _N	5 A
Nominal voltage U _N	1000 V
Open side panel	Yes

Dimensions

Component terminal block - STME 6-DIO/R-L HV - 3035692

Technical data

Dimensions

Width	8.2 mm
Length	100.8 mm
Height NS 35/7,5	60 mm
Height NS 35/15	67.5 mm

Connection data

Connection method	Spring-cage connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	6 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Stripping length	12 mm
Internal cylindrical gage	A4

Standards and Regulations

Flammability rating according to UL 94	V0
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Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141127

ETIM

ETIM 4.0	EC000897
ETIM 5.0	EC000903

Component terminal block - STME 6-DIO/R-L HV - 3035692

Classifications

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

EAC / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

EAC

UL Recognized 		
	B	C
mm²/AWG/kcmil	24-8	24-8
Nominal current I _N	5 A	5 A
Nominal voltage U _N	600 V	600 V

cUL Recognized 		
	B	C
mm²/AWG/kcmil	24-8	24-8
Nominal current I _N	5 A	5 A
Nominal voltage U _N	600 V	600 V

EAC

Component terminal block - STME 6-DIO/R-L HV - 3035692

Approvals

cULus Recognized 

Drawings

Circuit diagram



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